

Preliminary Amendment filed January 9, 2007

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application.

**Listing of Claims:**

1. (Original) A solid stick insecticidal composition comprising a base, an insecticide and at least 60 wt% food material, the composition having a penetration hardness of from 0.1 to 5mm.
2. (Currently Amended) ~~An~~The insecticidal composition ~~according to~~ of claim 1 comprising at least 65, ~~preferably at least 70 and more preferably at least 75 wt%~~ food material.
3. (Currently Amended) ~~An~~The insecticidal composition ~~according to~~ of claim 1 ~~or claim 2~~ comprising ~~up to~~ 99.99 wt% food material.
4. (Currently Amended) ~~An~~The insecticidal composition ~~according to any preceding claim of claim 1~~ comprising food material selected from
  - (i) carbohydrates;
  - (ii) protein/carbohydrate containing materials;
  - (iii) fatty or oily materials; and mixtures thereof.
5. (Currently Amended) ~~An~~The insecticidal composition ~~according to~~ of claim 4, in which the carbohydrates are selected from
  - (i) honey;
  - (ii) sugars including monosaccharides and ~~disaccharides~~ dissaccharides;
  - (iii) polysaccharides and complex carbohydrates including cellulosic materials, pectin and starches; and mixtures thereof.
6. (Currently Amended) ~~An~~The insecticidal composition ~~according to~~ of claim 4 ~~or claim 5~~, in which the protein/carbohydrate containing materials are selected from:
  - (i) cereal products,
  - (ii) flour, including soy flour;
  - (iii) spices;
  - (iv) vegetable products including dehydrated vegetables;
  - (v) dried yeast;
  - (vi) egg powder;

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- (vii) insect-derived materials including silkworm pupa, eggs and body parts; and mixtures thereof.
7. (Currently Amended) ~~An~~The insecticidal composition ~~according to any one of claims 4 to 6 of claim 4,~~ in which the fatty or oily materials are selected from:
- (i) lipids;
  - (ii) essential oils;
  - (iii) fully hydrogenated fatty acids;
  - (iv) vegetable oils;
  - (v) animal-derived fats;
  - (vi) esters;
  - (vii) waxes;
  - (viii) soaps;
  - (ix) phospholipids;
  - (x) glycolipids;
  - (xi) terpenes;
  - (xii) steroids; and mixtures thereof.
8. (Currently Amended) ~~An~~The insecticidal composition ~~according to any preceding claim of claim 1~~ comprising at least 10, ~~preferably at least 20 and more preferably at least 30~~ wt% of a base ingredients.
9. (Currently Amended) ~~An~~The insecticidal composition ~~according to any preceding claim of claim 1~~ comprising a base ingredients selected from a fatty alcohol[[s]], a fatty acid[[s]], an ~~fatty~~ various ester[[s]] including lower alkyl esters of fatty acids, castor oil, mineral oil[[s]], petroleum ~~jellies~~ jelly, polyethylene glycol[[s]], monoalkanolamide[[s]], carnauba wax, candelilla wax, amorphous hydrocarbon wax[[es]], petroleum-based wax[[es]] including microcrystalline wax, beeswax, paraffin wax[[es]], cocoa butter, hydrogenated vegetable oil[[s]], lanolin, lanolin absorption base[[s]], paraffin oil[[s]], lecithin, silicone wax[[es]], flour, monoglyceride[[s]] and animal derived-fat[[s]] including tallow, lard, suet and duck fact, or mixtures thereof
10. (Currently Amended) ~~An~~The insecticidal composition ~~according to any preceding claim of claim 1~~ comprising one or more dual functionality materials acting as both a food material and a base ingredient.

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11. (Currently Amended) ~~An~~The insecticidal composition ~~according to~~ of claim 10, in which the dual functionality material is selected from hydrogenated palm ~~steame~~ oil, tallow, lard, suet, duck fat, fatty acid monoglyceride[[s]], flour[[s]], lecithins or mixtures thereof.
12. (Currently Amended) ~~An~~The insecticidal composition ~~according to any preceding claim of claim 1~~ in which the base comprises ~~one or more~~ an emulsifying agent[[s]] or mixtures thereof.
13. (Currently Amended) ~~An~~The insecticidal composition ~~according to any preceding claim of claim 1~~, in which the insecticide is selected from a pyrethroid[[s]], a neonicotinoid[[s]], an avermectin[[s]], a spinosyn[[s]], a hydramethylnon, a fluorinated sulfluoramide[[s]], an organophosphate[[s]], a pyrazole[[s]], a chlorfenapyr, a indoxacarb, a borate[[s]], a benzoylphenyl urea[[s]], a carbamate[[s]], a hydrazone[[s]] and mixtures thereof.
14. (Currently Amended) ~~An~~The insecticidal composition ~~according to~~ of claim 13, in which the insecticide comprises an organophosphate.
15. (Currently Amended) ~~An~~The insecticidal composition ~~according to~~ of claim 14, in which the organophosphate is chlorpyrifos.
16. (Currently Amended) ~~An~~The insecticide composition ~~according to~~ of claim 13, in which the insecticide comprises a pyrazole.
17. (Currently Amended) ~~An~~The insecticide composition ~~according to~~ of claim 16, in which the pyrazole is fipronil.
18. (Currently Amended) ~~An~~The insecticide composition ~~according to~~ of claim 13, in which the insecticide comprises an indoxacarb.
19. (Currently Amended) ~~An~~The insecticidal composition ~~according to any preceding claim of claim 1~~ comprising the insecticide in an amount of from 0.01 to 40 wt%, preferably from 0.01 to 20 wt% and more preferably from 0.01 to 10 wt% of the insecticide.
20. (Currently Amended) ~~An~~The insecticidal composition ~~according to any preceding claim of claim 1~~ comprising an insect attractant.

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21. (Currently Amended) ~~An~~The insecticidal composition ~~according to~~ of claim 20, in which the food material also functions as an attractant.
22. (Currently Amended) ~~An~~The insecticidal composition ~~according to~~ of claim 21, in which soy bean oil is a food material and an attractant.
23. (Currently Amended) ~~An~~The insecticidal composition ~~according to~~ of claim 21 ~~or claim 22~~, in which honey is a food material and an attractant.
24. (Currently Amended) ~~An~~The insecticidal composition ~~according to any one of claims 21 to 23~~ of claim 21, in which malt extract is a food material and an attractant
25. (Currently Amended) ~~An~~The insecticidal composition ~~according to any one of claims 21 to 24~~ of claim 21, in which maple lactone is a food material and an attractant.
26. (Currently Amended) ~~An~~The insecticidal composition ~~according to~~ of claim 25, in which maple lactone is present in an amount of from 0.001 to 1 wt%, preferably from 0.005 to 0.5 wt% of the insecticide composition.
27. (Currently Amended) ~~An~~The insecticidal composition ~~according to any one of claims 20 to 26~~ of claim 20 comprising an attractant which does not function as a food material.
28. (Currently Amended) ~~An~~The insecticidal composition ~~according to any preceding claim of claim 1~~, further comprising a preservative.
29. (Currently Amended) ~~An~~The insecticidal composition ~~according to~~ of claim 28, in which the preservative is present in an amount of from 0.0001 to 10 wt% of the insecticide composition.
30. (Currently Amended) ~~An~~The insecticidal composition ~~according to~~ of claim 28 ~~or claim 29~~, in which the preservative is selected from sorbic acid and salts thereof, methylparaben, propylparaben and mixtures thereof.
31. (Currently Amended) ~~An~~The insecticidal composition ~~according to any preceding claim of claim 1~~ further comprising an anti-oxidant.

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32. (Currently Amended) ~~An~~The insecticidal composition ~~according to~~ of claim 31, in which the anti-oxidant is present in an amount of from 0.0001 to 10 wt% of the insecticide composition.
33. (Currently Amended) ~~An~~The insecticidal composition ~~according to~~ of claim 31 ~~or claim 32~~, in which the anti-oxidant is selected from TBHQ, butylated hydroxytoluene, butylated hydroxyanisole and mixtures thereof.
34. (Currently Amended) ~~An~~The insecticidal composition ~~according to any preceding claim of claim 1~~ further comprising a human taste deterrent
35. (Currently Amended) ~~An~~The insecticidal composition ~~according to~~ of claim 34, in which the human taste deterrent is present in an amount of from 1 to 200 ppm of the insecticide composition.
36. (Currently Amended) ~~An~~The insecticidal composition ~~according to~~ of claim 34 ~~or claim 35~~, in which the human taste deterrent is denatonium benzoate.
37. (Currently Amended) ~~An~~The insecticide composition ~~according to any preceding claim of claim 1~~ further comprising a colorant.
38. (Currently Amended) ~~An~~The insecticidal composition ~~according to any preceding claim of claim 1~~ further comprising ~~one or more other~~ a component[[s]] selected from a feeding stimulant[[s]], and a filler[[s]], and animal taste deterrent[[s]] of mixtures thereof.
39. (Currently Amended) ~~An~~The insecticidal composition ~~according to any preceding claim of claim 1~~ having a penetration hardness of from 0.5 to 5 mm.
40. (Currently Amended) ~~An~~The insecticidal composition ~~according to~~ of claim 39 having a penetration hardness of from 1 to 5 mm.
41. (Currently Amended) ~~An~~The insecticidal composition ~~according to any preceding of claim 40~~ having a penetration hardness of from 1 to 4 mm.
42. (Currently Amended) ~~An~~The insecticidal composition ~~according to any preceding claim of claim 1~~ having a melting point of at least 20 °C, ~~preferably at least 35° C, more preferably at least 40°C and most preferably at least 45°C.~~

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43. (Currently Amended) ~~A~~The insecticidal composition ~~according to any preceding claim of claim 1~~ having a setting point in the range from 20 to 200°C, ~~preferably from 30 to 70°C and more preferably from 45 to 55°C.~~
44. (Currently Amended) ~~A~~The method for controlling insects in which a solid stick insecticidal composition ~~according to any one of claims 1 to 42~~ of claim 1 is applied and ~~deposited to deposit the composition onto~~ on a hard surface to be treated.
45. (Currently Amended) ~~A~~The method for controlling insects ~~according to~~ of claim 44, in which the insecticidal composition is applied to the hard surface as a line of material by drawing the stick along the hard surface.
46. (Currently Amended) ~~A~~The method for controlling insects ~~according to~~ of claim 44, in which the insecticidal composition is applied as a series of spots on the hard surface.
47. (Currently Amended) ~~A~~The method for controlling insects ~~according to~~ of claim 44, in which the insecticidal composition is applied as an arbitrary smear on the surface.
48. (Currently Amended) ~~A~~The method for controlling insects ~~according to any one of claims 44 to 47~~ of claim 44, in which the insects which ~~crawl~~ are crawling insects.
49. (Currently Amended) ~~A~~The method for controlling insects ~~according to~~ of claim 48, in which the insects are cockroaches.
50. (Currently Amended) An insect control product comprising a solid stick insecticidal composition ~~according to any one of claims 1 to 43~~ of claim 1 and a package.
51. (Currently Amended) ~~A~~The insect control product ~~according to~~ of claim 50 in which the package also comprises a protective wrapping over the package containing the insecticidal composition.
52. (Currently Amended) ~~A~~The insect control product ~~according to~~ of claim 51 in which the protective wrapping comprises paper, plastic, fabric, metal foil or a laminate thereof.
53. (Currently Amended) ~~A~~The insect control product ~~according to~~ of claim 51 ~~or claim 52~~, in which the wrapping includes a tear line or point of weakness at a location or

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one or more intervals along the length of the wrapping thus allowing for progressive removal of circumferential strips of wrapping ~~from the stick~~.

54. (Currently Amended) ~~An~~The insect control product ~~according to~~ of claim 50 in which the package comprises an applicator including a bottom, in which is held one end of the stick, and a tubular lid, which at least partially ~~or fully~~ encloses the insecticidal stick.
55. (Currently Amended) ~~An~~The insect control product ~~according to~~ of claim 50 in which the package comprises an applicator in which the insecticidal stick is extendable from a casing.
56. (Currently Amended) ~~An~~The insect control product ~~according to any one of claims 50 to 54~~ of claim 50 in which the package or wrapping comprises a label ~~or a label is applied to the package~~.
57. (Currently Amended) ~~Use of an insecticide and a food material in the manufacture of a solid stick insecticidal composition according to any one of claims 1 to 43 for application to a hard surface to be treated.~~ The insecticidal composition of claim 1 having a melting point of at least 35°C.
58. (New) The insecticidal composition of claim 1 having a melting point of at least 40°C.
59. (New) The insecticidal composition of claim 1 having a melting point of at least 45°C.